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Homework 5

Chapter 2

Problem 55

For each of the FAs pictured in Fig. 2.45, use the minimization algorithm described in Section 2.6 to find a minimum-state FA recognizing the same language.

A

B

C

D

G

Problem 57

B Yes, for any x, x

D

G

H

Chapter 3:

Problem 1

A

B

C

D

Problem 2

A

B

C

D

Problem 3

A

B

C

Problem 4